IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Abercrombie, David et al.)   Express Mail No. EV 322441060 US
)
Serial No.: TBD)
)
Filed: herewith)
)
For: METHOD OF ISOLATING)
SOURCES OF VARIANCE IN)
PARAMETRIC DATA)
)
Group Art Unit: TBD)
)
Examiner: TBD

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. § 1.56, the references listed on the attached Form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. The Form PTO-1449 includes thirteen (13) references in total, listed as items AA through AM.

This Information Disclosure Statement (IDS) is filed herewith the above-identified application, within three months of the filing date of the application, and before the mailing date of a first Office Action on the merits, and therefore, the IDS is properly submitted pursuant to 37 C.F.R. § 1.97(b), and therefore it is believed that no fee is due for the filing of this IDS. However, if a fee is required, the Commissioner is authorized to charge the unpaid amount to Deposit Account No.12-2252.

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent Office of all references known by Applicants or Applicants' representative that may be material to the examination of the subject application, Applicants' representative hereby provides this Information Disclosure Statement prepared in accordance with 37 C.F.R. §§ 1.97-1.98 and includes Form PTO-1449.

Copies of the items listed on Form PTO-1449 are provided pursuant to C.F.R. § 1.98(a)(2).
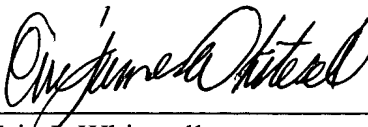
All of the items listed on the attached Form PTO-1449 are in the English language. Therefore, no further explanation of the listed items is required. See 37 CFR 1.98(a)(3)(ii).

Applicants respectfully request that the Examiner review the listed references and that they be made of record in the file history of the above-captioned application.

Although these documents are being made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicants or Applicants' representative that any of the references are material to patentability or effective as prior art against the subject application.

The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 12-2252. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 12-2252.

Dated: September 15, 2003

Eric J. Whitesell
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Form PTO-1449 (Modified)		Application No.	TBD
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Filing Date	September 15, 2003
		First Named Inventor	Abercrombie, David et al.
		Group Art Unit	TBD
		Examiner Name	TBD
Sheet 1 of 3		Attorney Docket No.	02-5695 81564

U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	FILING DATE
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	FOREIGN PATENT DOCUMENT			DATE OF PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	TRANSLATION	
									YES	NO
			COUNTRY OR OFFICE (two-letter code)	DOCUMENT NO.	KIND CODE (if known)					

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	AA		WONG et al.; A Comparison of PCA/ICA For Data Preprocessing in a Geoscience Application; School of Petroleum Engineering, University of New South Wales, Sydney, NSW 2052, Australia Dept. Of Computer Science and Engineering, POSTECH, Pohang, Korea; Pages 278-283.
	AB		RISTANIEMI, TAPANI; Synchronization and Blind Signal Processing in CDMA Systems; Jyvaskyla; University of Jyvaskyla, 2000; ISSN 1456-5390;5; ISBN 951-39-0728-7; Pages 1-112.
	AC		MIENECKE, FRANK et al.; Assessing Reliability of ICA Projections-A Resampling Approach; GMD FIRST.IDA, Kekulestr.7, 12489 Berlin, Germany, University of Potsdam, Am Neuen Palais 10, 14469 Potsdam, Germany, Pages 74-81.

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	First Named Inventor	Abercrombie, David et al.
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Sheet 2 of 3	Attorney Docket No.	02-5695 81564

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	AD		ILINE, ALEXANDRE et al; Detecting Process State Changes by Nonlinear Blind Source Separation; Lab. Of Computer & Info. Science, Helsinki University of Technology; Pages 704-709.
	AE		CHAN, LAI-WAN et al.; Selection of Independent Factor Model in Finance; Dept. Of Computer Science and Engineering, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong; Pages 161-166.
	AF		CHA, SIU-MING et al.; Applying Independent Component Analysis to Factor Model in Finance; Computer Science and Engineering Dept., The Chinese University of Hong Kong; Shatin, Hong Kong; Springer, Pages 538-544, 2000.
	AG		VIGARIO, RICARDO et al.; Independent Component Analysis for Identification of Artifacts in Magnetoencephalographic Recordings; Lab. of Computer & Info. Science, Brain Research Unit, Low Temp. Lab. Helsinki University of Technology, Finland; Denver, December 1997; Pages 1-7.
	AH		VIGARIO, RICARDO et al.; Independent Component Approach to the Analysis of EEG and MEG Recordings; IEEE Transactions on Biomedical Engineering, Vol. 47, No. 5, May 2000; Pages 589-593.
	AI		HYVARIEN, AAPO; Fast and Robust Fixed-Point Algorithms for Independent Component Analysis; Helsinki University of Technology, Pav. Of Computer & Info. Science; Finland, April 23, 1999; Pages 1-17.
	AJ		HYVARIEN, AAPO et al; Emergence of Phase and Shift Invariant Features by Decomposition of Natural Images Into Independent Feature Subspaces; Helsinki University of Technology, Lav. Of Computer & Info. Science; Finland, August 16, 1999; Pages 1-15.
	AK		BELL, ANTHONYet al; The 'Independent Components' of Natural Scenes are Edge Filters; Howard Hughes Medical Institute, Computational Neurobiology Lab; The Salk Institute; LaJolla, Ca; Pages 1-27.
	AL		PENNY, W.D. et al; ICA: Model Order Selection and Dynamic Source Models; University of Oxford, University of Exeter; Pages 1-16.
	AM		LAPPALAIENEN, HARRI et al.; Nonlinear Independent Component Analysis Using Ensemble Learning: Experiments and Discussion; Helsinki University of Technology; Neural Networks Research Centre; Finland; Pages 1-6.

		Date Considered	

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.